ABSTRACT OF THE DISCLOSURE

A method of processing digital image data comprises

overlaying a hexon pattern structure on the digital image data to define a central area comprising a pixel or group of pixels, the hexon pattern comprising a group of pixels and/or a pattern of groups of pixels surrounding the central area, the overlaying of the geometric pattern defining a geometric region in relation to the central area,

assigning brightness values to the pixels within the groups of pixels and/or to individual groups of pixels,

comparing the brightness values of the groups of pixels using a local radial angular transform, and

detecting regions of contrast within the image data.